

Fig. 1

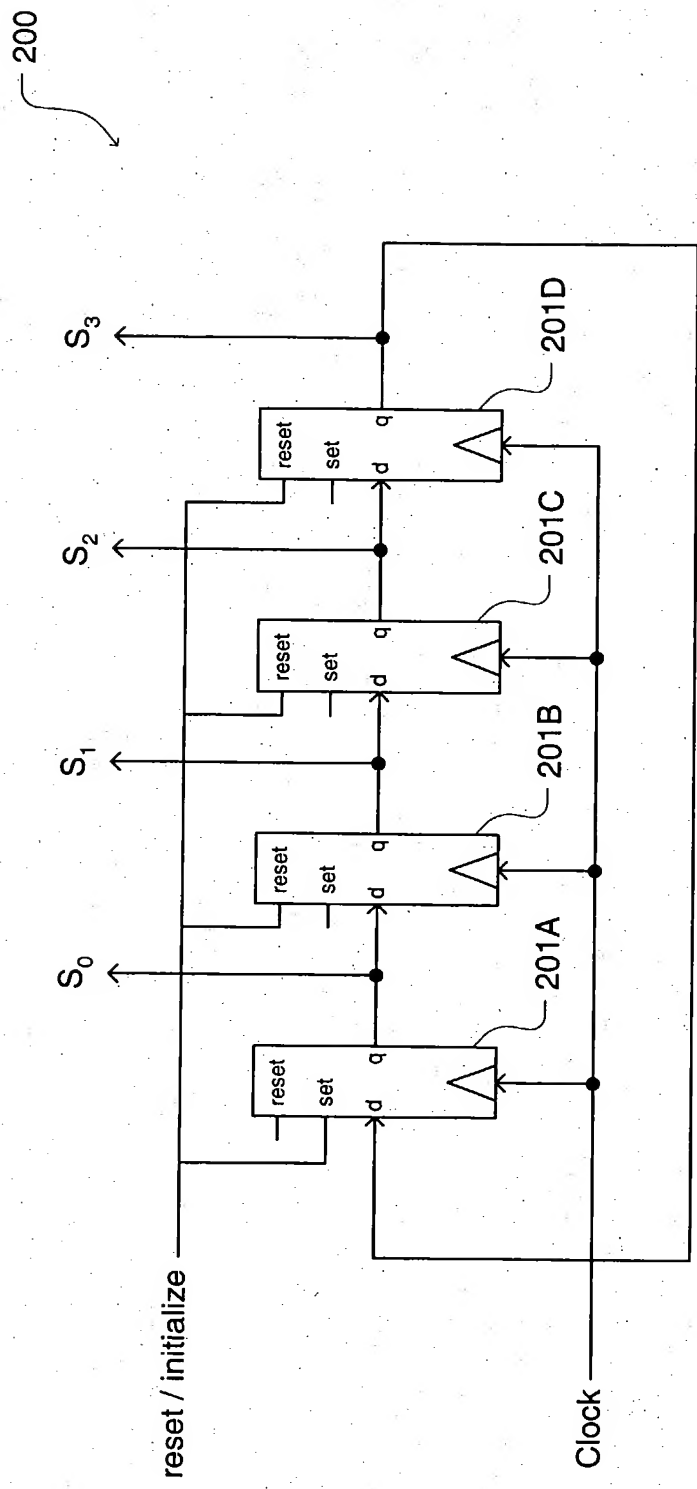


Fig. 2

Clock Cycle										
	0	1	2	3	4	5	6	7	8	9
	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
$S_0$	1	0	0	0	1	0	0	0	1	0
$S_1$	0	1	0	0	0	1	0	0	0	1
$S_2$	0	0	1	0	0	0	1	0	0	0
$S_3$	0	0	0	1	0	0	0	1	0	0
$S_{W0}/S_{R0}$	{0001}	{0010}	{0100}	{1000}	{0001}	{0010}	{0100}	{1000}	{0001}	{0010}
$S_{W1}/S_{R1}$	{1000}	{0001}	{0010}	{0100}	{1000}	{0001}	{0010}	{0100}	{1000}	{0001}
$S_{W2}/S_{R2}$	{0100}	{1000}	{0001}	{0010}	{0100}	{1000}	{0001}	{0010}	{0100}	{1000}
$S_{W3}/S_{R3}$	{0010}	{0100}	{1000}	{0001}	{0010}	{0100}	{1000}	{0001}	{0010}	{0100}

Fig. 3

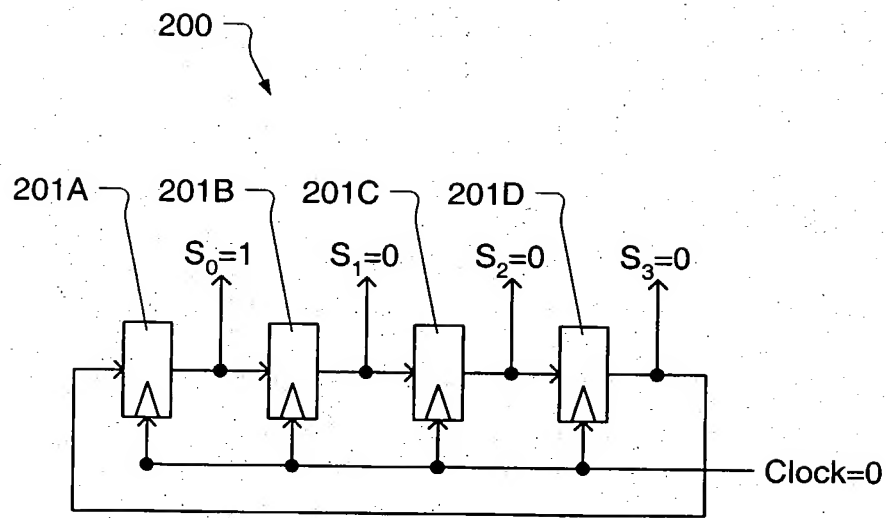


Fig. 4A

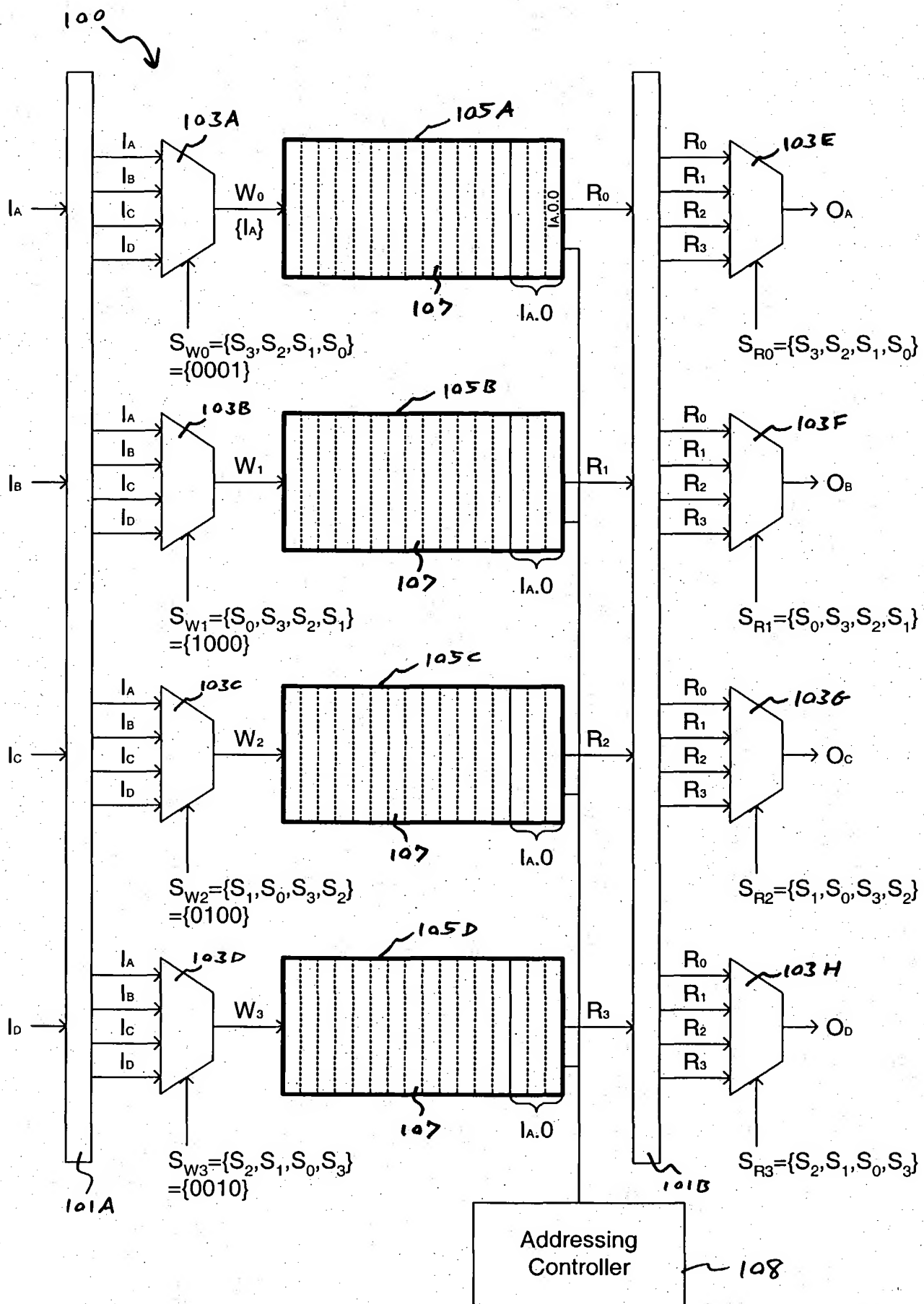


Fig. 4B

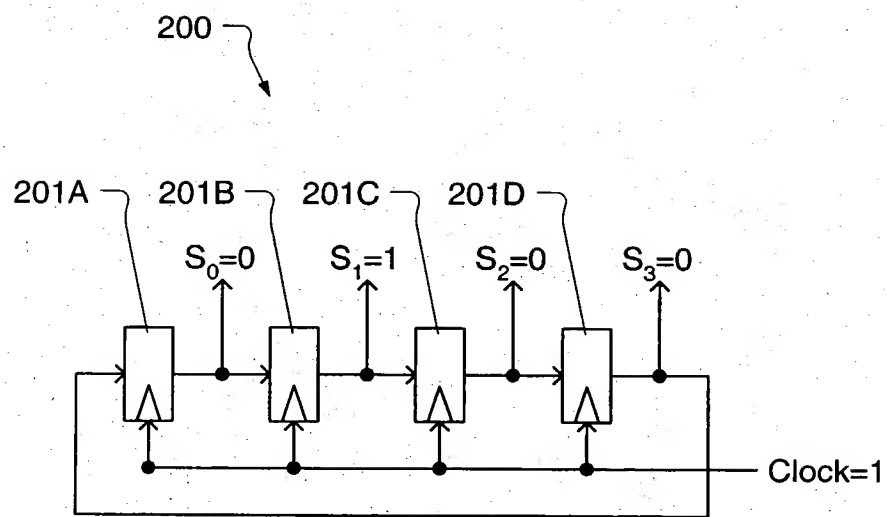


Fig. 5A

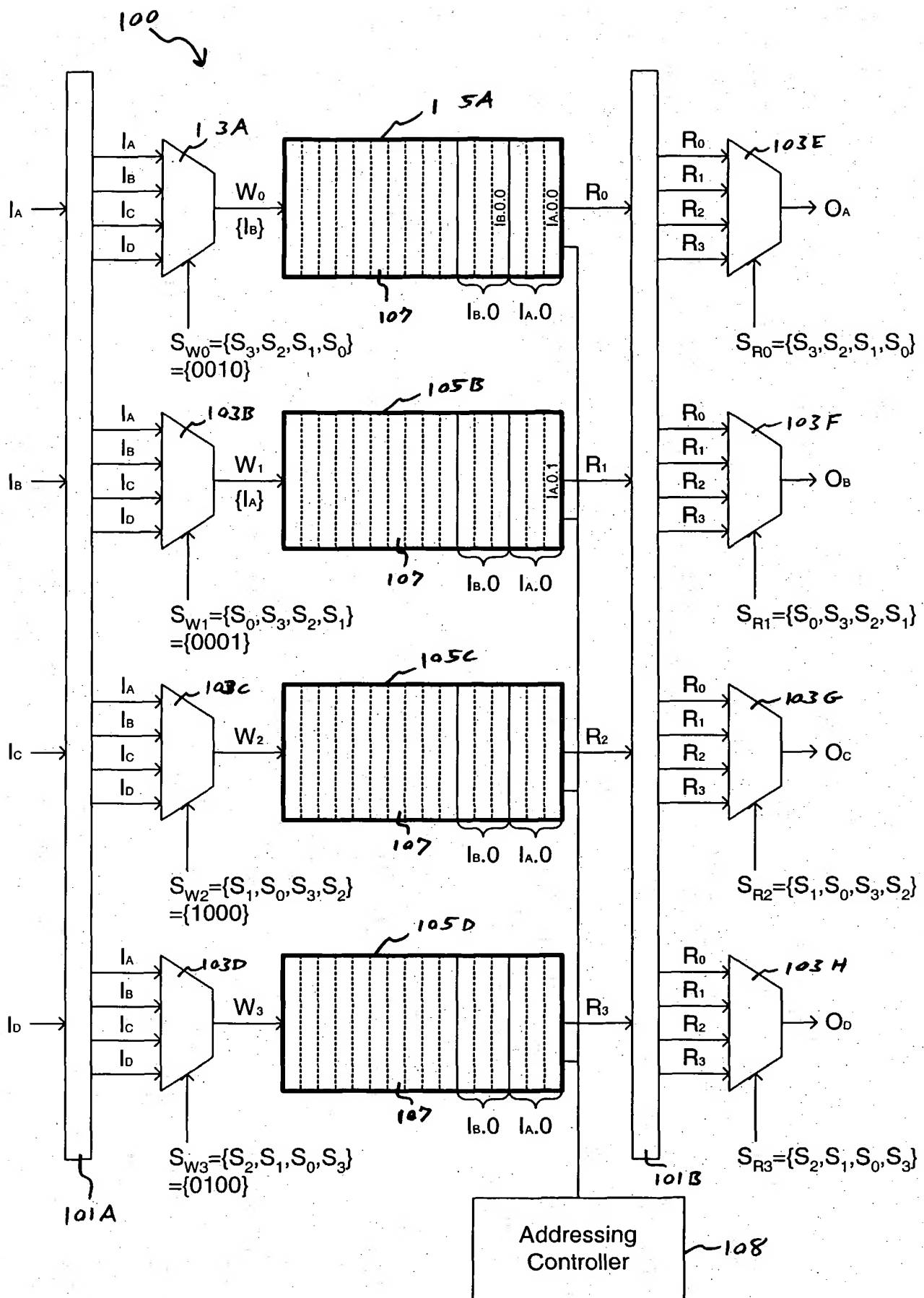
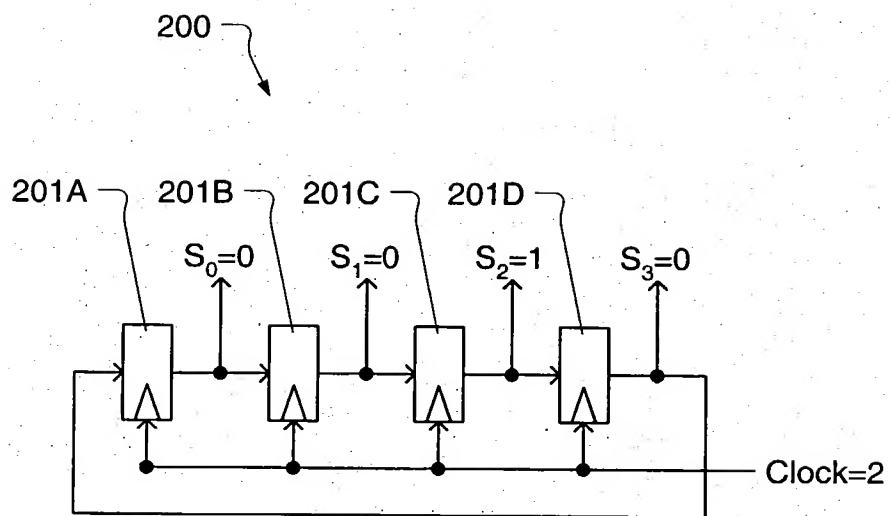


Fig. 5B



**Fig. 6A**





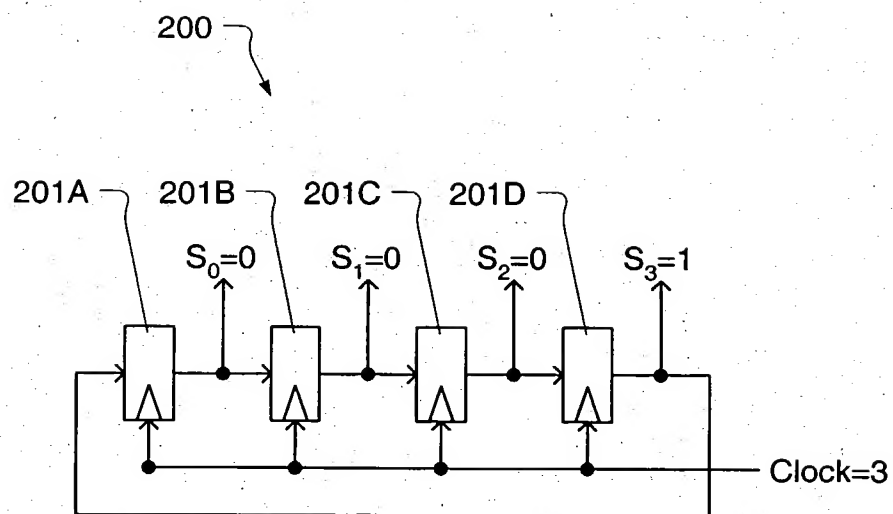


Fig. 7A

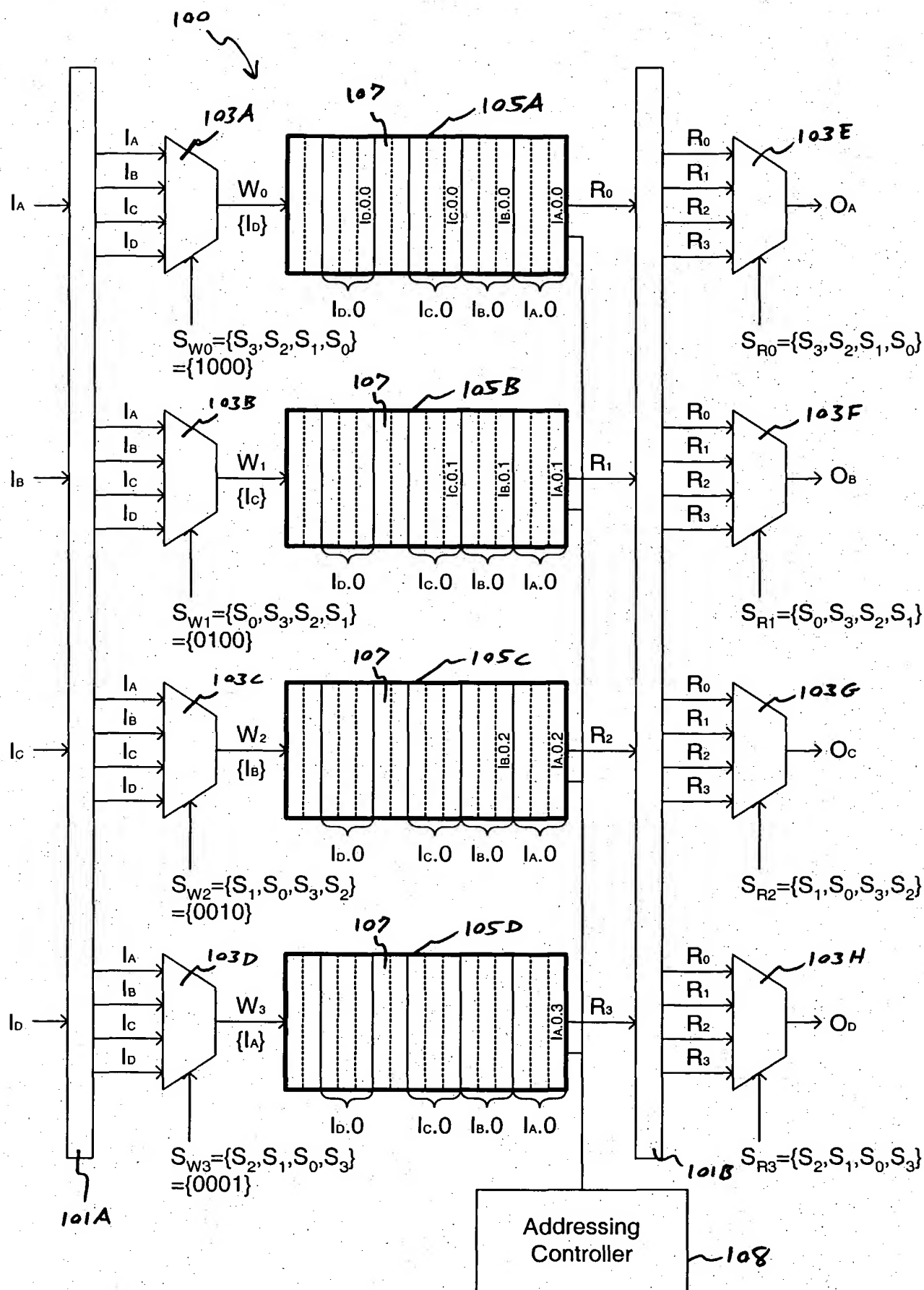
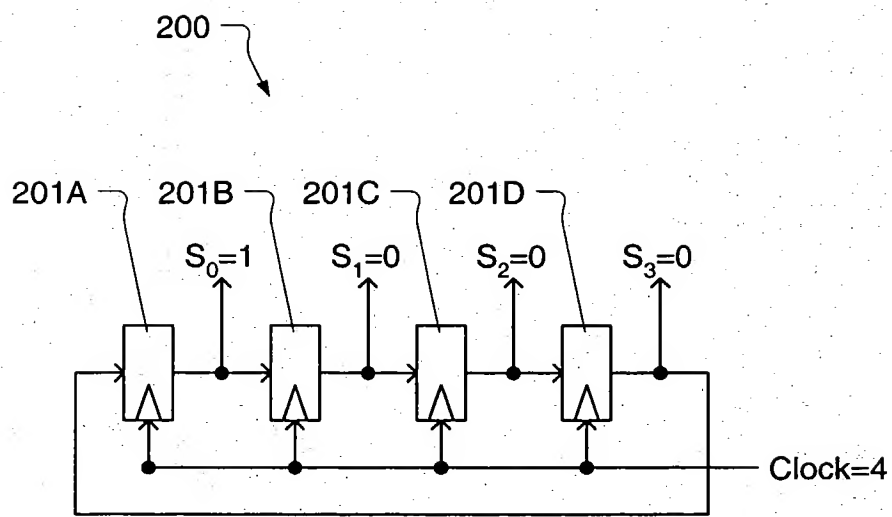


Fig. 7B



**Fig. 8A**

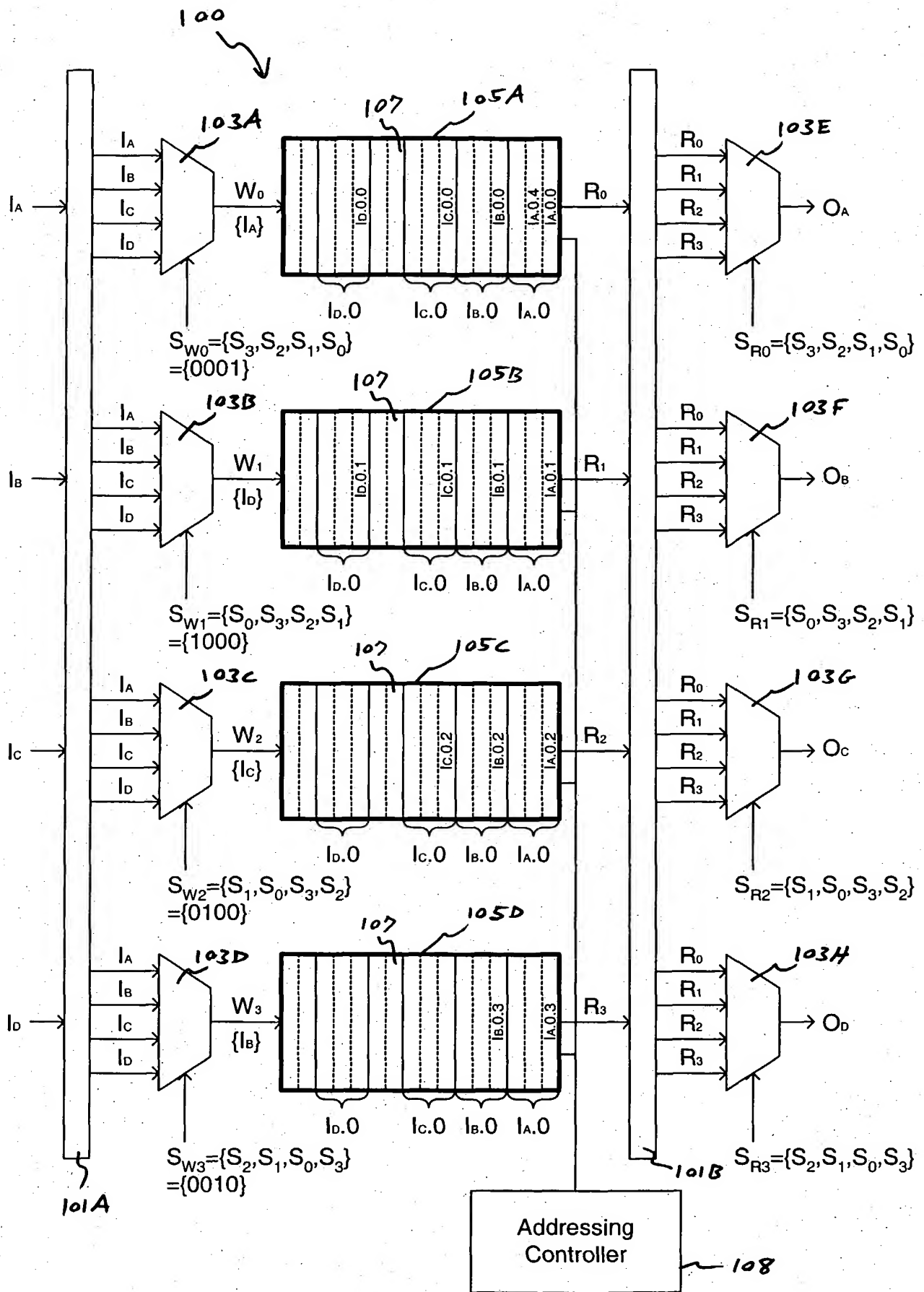


Fig. 8B

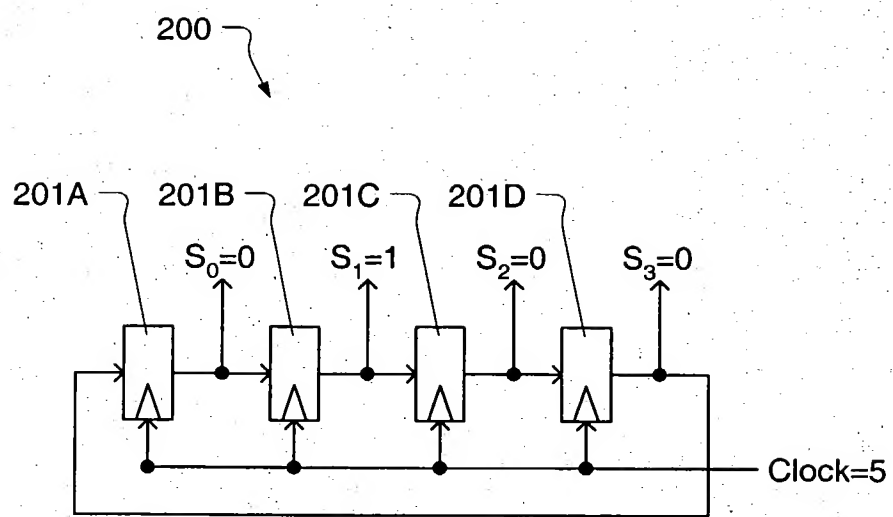


Fig. 9A

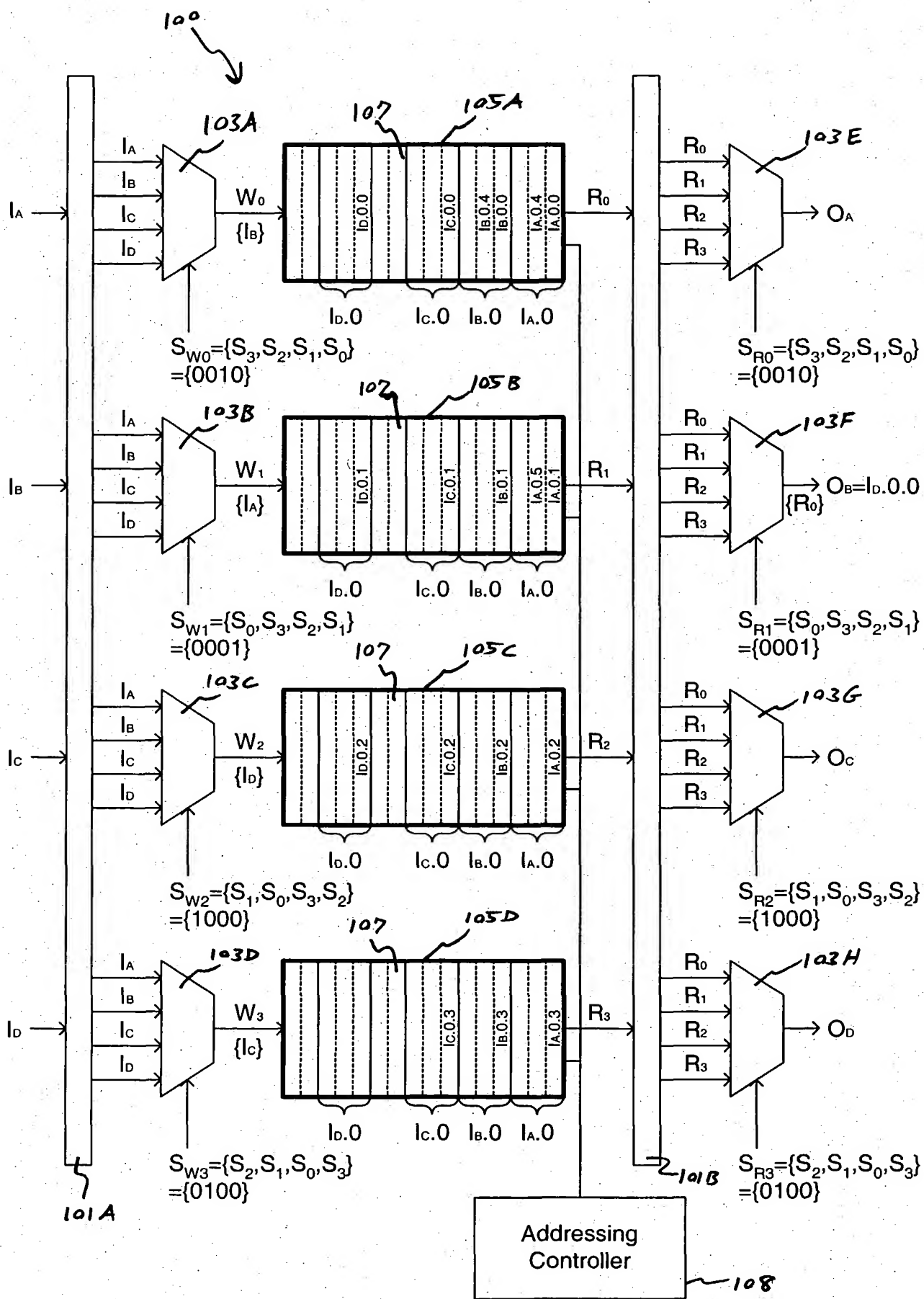


Fig. 9B

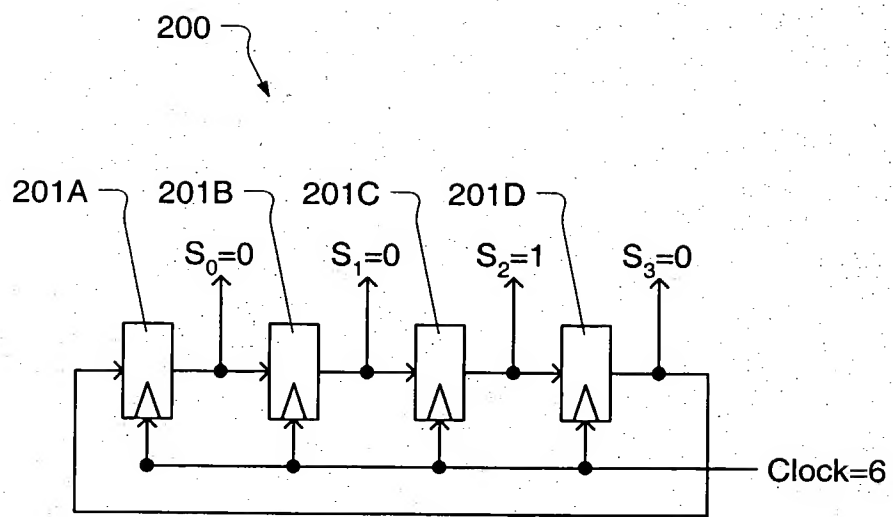
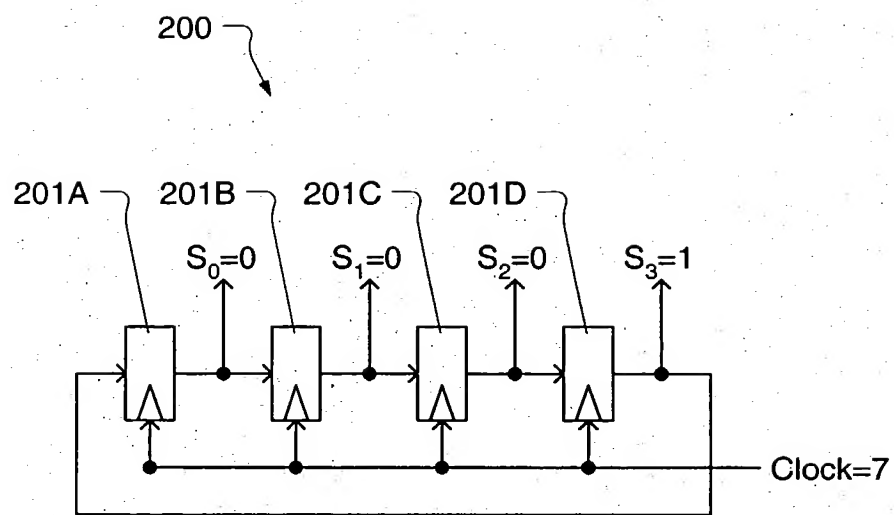


Fig. 10A







**Fig. 11A**

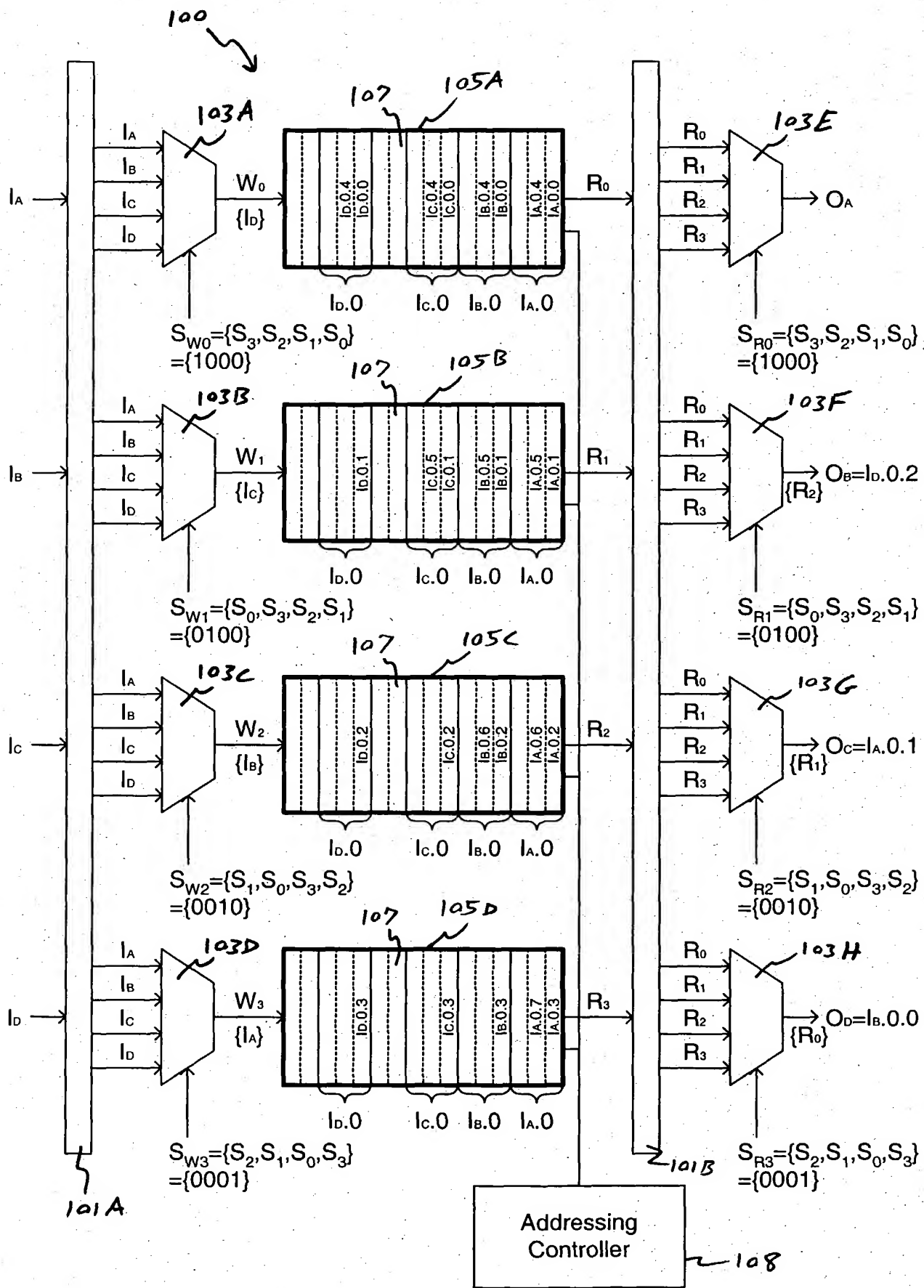


Fig. 11B

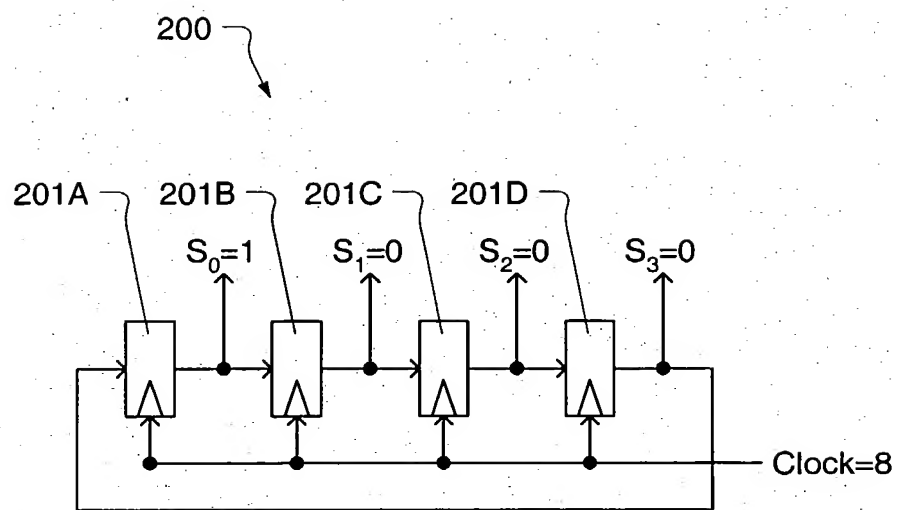


Fig. 12A

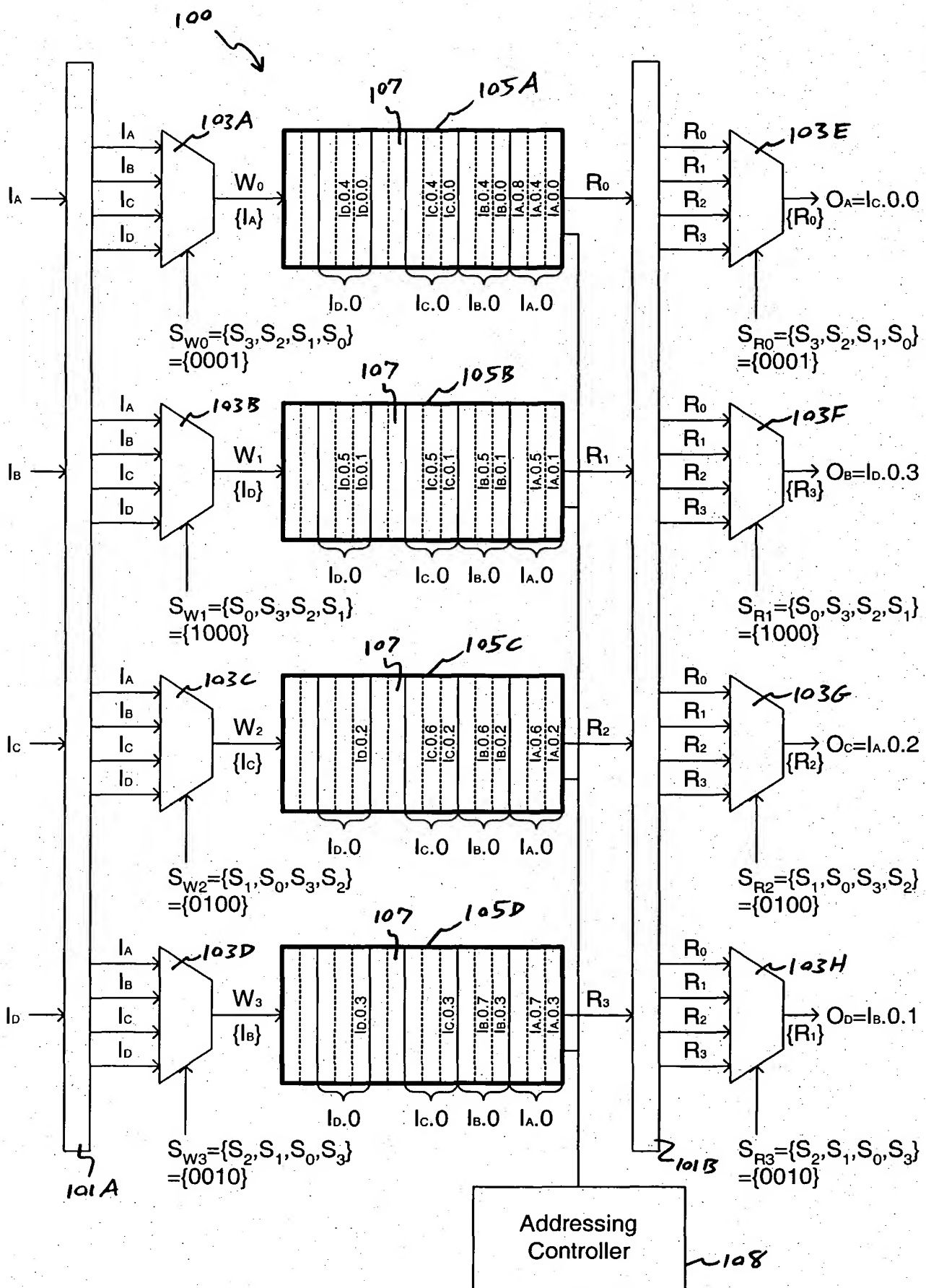


Fig. 12B

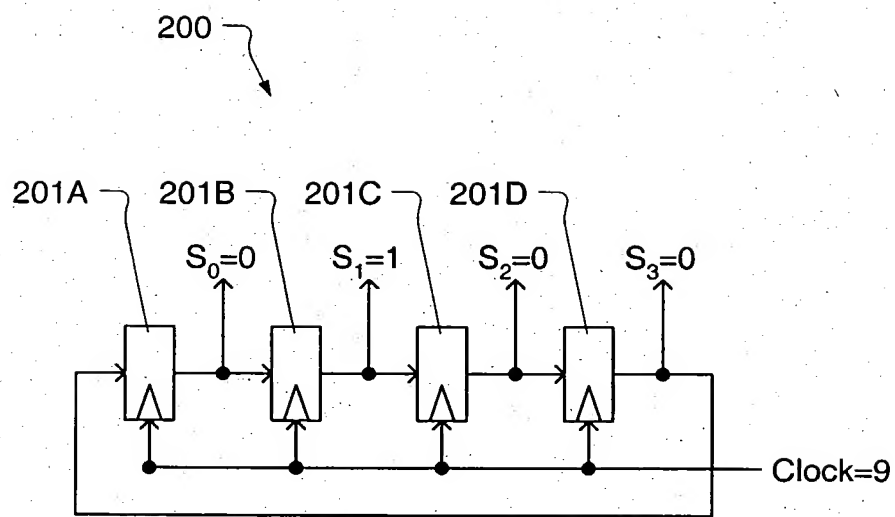
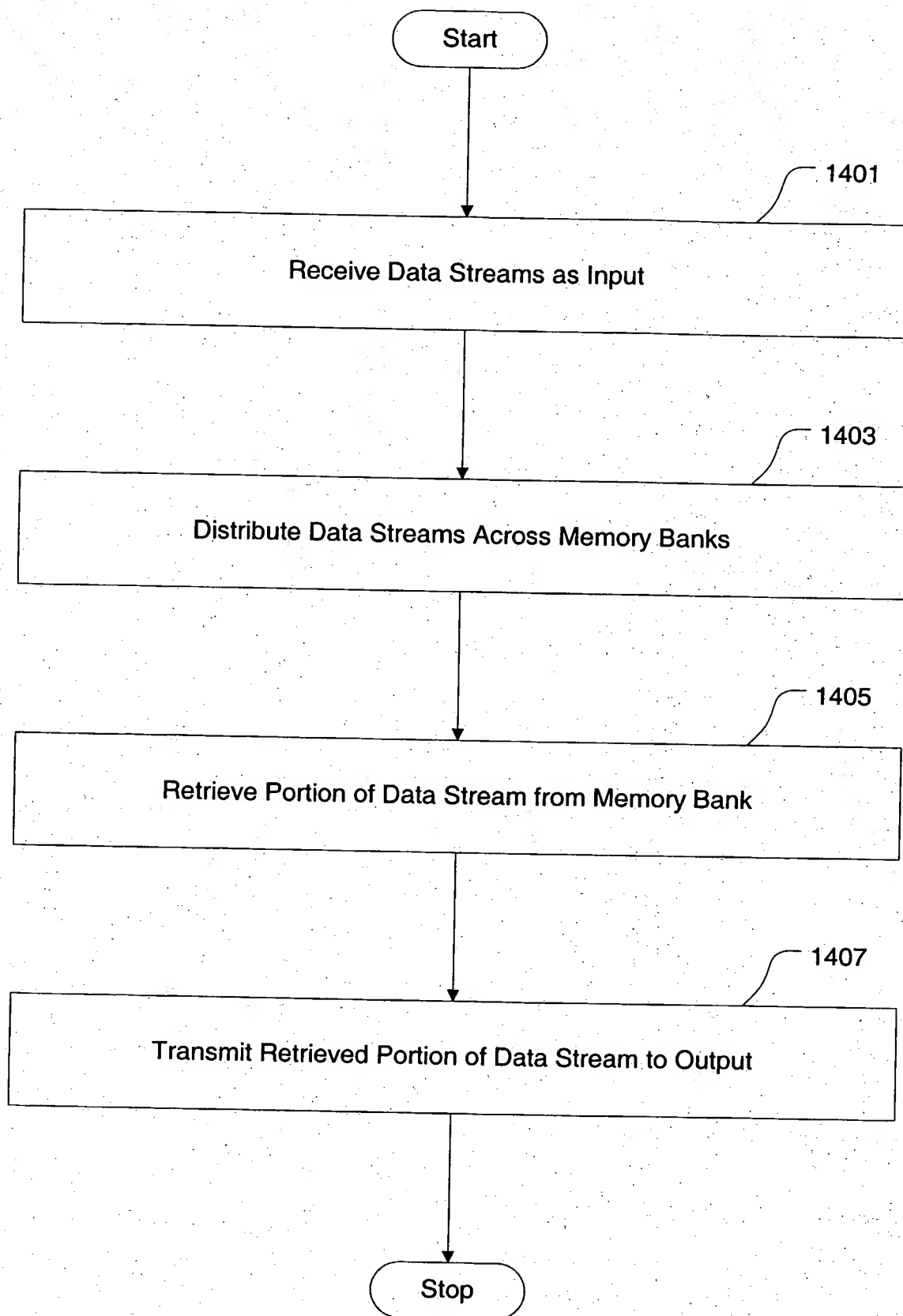


Fig. 13A





**Fig. 14**